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WASHINGTON

February 9, 2001

**UTILITY PATENT APPLICATION TRANSMITTAL**

Attorney Docket Number: 018842.1162  
First Named Inventor: Toru YAMAGUCHI et al.  
Title: Heat Exchangers And Fins For Heat Exchangers And Methods For Manufacturing The Same

TO: **BOX PATENT APPLICATION**  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. ☒ Fee Transmittal Form (original and duplicate)
2. ☒ Specification - Total Pages: 16 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	12	20	0	\$ 18.00	\$ 9.00	\$ 0.00
Independent Claims	4	3	0	\$ 80.00	\$ 40.00	\$ 80.00
First Presentation of Multiple Dependent Claims				\$ 270.00	\$ 135.00	\$ 0.00
<b>BASIC FEE</b>				\$ 710.00	\$ 355.00	\$ 710.00
<b>TOTAL FILING FEE</b>						\$ 790.00

3. ☒ Drawings - Total Sheets: 6 (Fig(s). 1-13)
4. Oath or Declaration - Total Pages: 2
  - a. ☒ Newly executed (original or copy)  
☐ New (unexecuted)
  - b. ☐ Copy from a prior application  
(for continuation/divisional with Box 17 completed)
    - i. ☐ DELETION OF INVENTOR(s):  
Signed statement attached deleting inventor(s) named in prior application.

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Page 2

5. ☐ Incorporation By Reference (useable if Box 4b is marked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies
8. ☐ Assignment and Assignment Recordation Form
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement with PTO-1449 and References
- ☒ Copies of Information Disclosure Statement Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☐ Small Entity Statement(s) ☐ Independent Inventor
- ☐ Small Business Concern
- ☐ Non-Profit Organization
- ☐ Statement Filed in Prior Application; Status Still Proper and Desired
15. ☒ Foreign Priority is Claimed as Follows:  
**Japanese Application No. P2000-31349, filed on February 9, 2000**
- ☒ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. ☒ Other: **Application Data Sheet**
17. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part of  
Prior Application No.: \_\_\_\_\_ filed \_\_\_\_\_
- ☐ Complete Application Based on Provisional Application No.: \_\_\_\_\_

filed \_\_\_\_\_

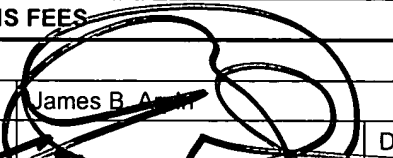
18. ☒ A new power of attorney or authorization of agent (PTO/SB/81) is as follows:
- ☒ The power of attorney is to: Jerry W. Mills, Reg. No. 23,005; Scott F. Partridge, Reg. No. 28,142; James B. Arpin, Reg. No. 33,470; Rodger L. Tate, Reg. No. 27,399; James Remenick, Reg. No. 36,802; Laurence H. Posorske, Reg. No. 34,698; Floyd B. Chapman, Reg. No. 40,555; Steven P. Klocinski, Reg. No. 39,521; Eric Sinn, Reg. No. 40,177; Stacy B. Margolies, Reg. No. 39,760 and Floyd B. Chapman, Reg. No. 40,555.
- ☒ Please remove as power of attorney: Rodger L. Tate, Reg. No. 27,399; James Remenick, Reg. No. 36,802; Laurence H. Posorske, Reg. No. 34,698; Steven P. Klocinski, Reg. No. 39,521; Eric Sinn, Reg. No. 40,177; Stacy B. Margolies, Reg. No. 39,760 and Floyd B. Chapman, Reg. No. 40,555.
- ☒ Please add as power of attorney: Robert Neuner, Reg. No. 24,316; Jay B. Johnson, Reg. No. 38,193; Robert L. Troike, Reg. No. 24,183; Jay M. Cantor, Reg. No. 19,906; Lori D. Stiffler, Reg. No. 36,939; and Richard G. Berkley, Reg. No. 25,465.
19. Please address all correspondence to:      Attention: James B. Arpin  
Baker Botts L.L.P.  
The Warner, Suite 1300  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2400
20. ☒ A check in the amount of \$ 790.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to Deposit Account No. 02-0375.
- ☐ The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to ~~Deposit Account No. 02-0375.~~

Respectfully submitted,

By: \_\_\_\_\_

James B. Arpin  
Registration No. 33,470  
for Scott F. Partridge  
Registration No. 28,142

Enclosures  
SFP/JBA/dh

<b>FEE TRANSMITTAL</b>  <b>[BOX PATENT APPLICATION]</b>				Complete If Known																																													
				Application No.		To be assigned																																											
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				Group Art Unit		To be assigned																																											
Total Amount Of Payment		(\$)		790.00		Attorney Docket No.		018842.1162																																									
METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)																																											
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to <b>Deposit Account No. 02-0375</b> in the name of Baker Botts L.L.P.  <input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to <b>Deposit Account No. 02-0375</b> .						3. <b>ADDITIONAL FEES</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Extension for reply with _____ month</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Notice of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Request for Oral Hearing</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Utility Issue Fee (or reissue)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Design Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Plant Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petitions to Commissioner</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (unavoidable)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (unintentional)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Recording Each Patent Assignment Per Property</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Other (specify)</td><td style="text-align: right;">\$</td></tr> </table>						Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> Extension for reply with _____ month	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for Oral Hearing	\$	<input type="checkbox"/> Utility Issue Fee (or reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petitions to Commissioner	\$	<input type="checkbox"/> Petition to Revive (unavoidable)	\$	<input type="checkbox"/> Petition to Revive (unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input type="checkbox"/> Submission of Information Disclosure Statement	\$	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input type="checkbox"/> Other (specify)	\$
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SUBMITTED BY						Complete (if applicable)																																											
Typed or Printed Name <u>James B. Smith</u>						Registration No.		33,470																																									
Signature 						Date		02/09/01																																									
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